BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Information Technology Pearson BTEC International Level 3 Subsidiary Diploma in Information Technology Pearson BTEC International Level 3 Foundation Diploma in Information Technology Pearson BTEC International Level 3 Diploma in Information Technology Pearson BTEC International Level 3 National Extended Diploma in Information Technology
Unit number and title	**Unit 5: Data Modelling**
Learning aim(s) (For NQF only)	**A:** Investigate data modelling and how it can be used in the decision-making process
Assignment title	Models and decision making
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have recently joined a new company as a trainee data analyst. The company import a range of different speciality cheeses from France and the Netherlands. They supply the cheese to a number of different restaurants and specialist delicatessens throughout the UK. The company face a number of challenges due to currency exchange rate fluctuations (between the Euro, that they buy the cheese in, and the pound that they sell it in) and the variations in economic growth. Their product is relatively expensive and sells better when economic growth is good and less well when it is poor. Part of your job will be to help develop some models to try to predict future sales of the cheese. However, before you start work on developing the model, the managers in the company (who do not have a background in IT) would like you to provide them with a presentation on the ways in which spreadsheet models can be used.

Task 1	Create a presentation, including speaker's notes in which provides an evaluation of the ways in which spreadsheet models can be used to predict the outcome of different situations and therefore support the decisions that the managers need to make as they run the company. You need to make sure you cover the typical stages involved in the decision-making process, and how the advanced features and functions of spreadsheet models can be used to support those stages
Checklist of evidence required	Presentation slides with accompanying speaker's notes
Criteria covered by this task:	

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Unit/Criteria reference	To achieve the criteria you must show that you are able to:
5/A.D1	Evaluate how the features of spreadsheet software contribute to the decision-making process.
5/A.M1	Analyse how the features of spreadsheet software contribute to the decision-making process.
5/A.P1	Explain the stages involved in the decision-making process for data modelling.
5/A.P2	Explain how the features of spreadsheet software are used to support the decision-making process.

Sources of information to support you with this Assignment	
Other assessment materials attached to this Assignment Brief	*eg, work sheets, risk assessments, case study*